



STIC Search Report

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STIC Database Tracking Number:

TO: Alton Pryor
Location: REM- 4A39
Art Unit: 1616

Case Serial Number: 09/666463

From: P. Sheppard
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Search Notes

Handwritten notes:
RKH
4/781-875
2.8
11/28/01
11/28/01
11/28/01

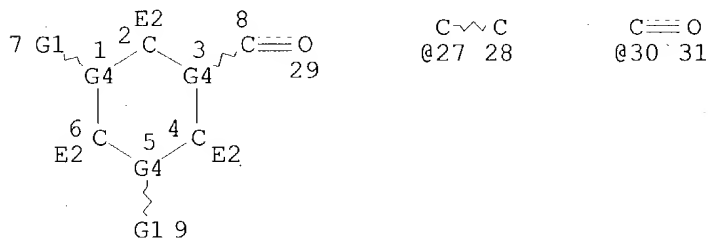
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 FILE LAST UPDATED: 20 May 2004 (20040520/ED)

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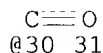
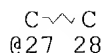
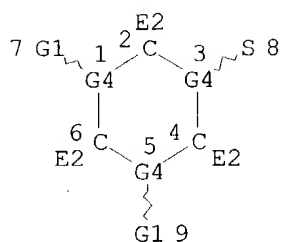
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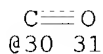
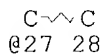
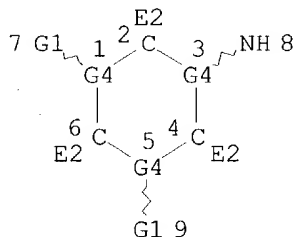
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 L38 STR



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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

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RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE
L40 STR



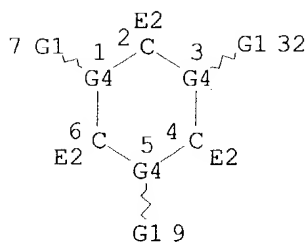
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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE
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L45 116 SEA FILE=REGISTRY SUB=L7 SSS FUL (L38 OR L40) NOT L11
L46 485 SEA FILE=REGISTRY ABB=ON PLU=ON L44 OR L45
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C=O
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C=C
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VAR G1=30/S/NH
VAR G4=CH/27
NODE ATTRIBUTES:
HCOUNT IS E2 AT 2
HCOUNT IS E2 AT 4
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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
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STEREO ATTRIBUTES: NONE
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L49 ANSWER 1 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2004:305563 HCAPLUS
DOCUMENT NUMBER: 140:329574
TITLE: Heat- or photo-curable composition for
negative-working lithographic plate
INVENTOR(S): Fujimaki, Kazuhiro
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 94 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004117555	A2	20040415	JP 2002-277719	20020924
PRIORITY APPLN. INFO.:			JP 2002-277719	20020924

AB The compn. contains (A) a polymerizable compd. having .gtoreq.1 ethylenic unsatd. group and .gtoreq.2 cyclic structures from .gtoreq.1 amide structure and (B) a compd. generating radical by heat or light. The compn. shows good storage stability, high sensitivity, developability, and gives neg. lithog. printing plate with good printing durability esp. on burning treatment.

IT 679408-06-1
RL: TEM (Technical or engineered material use); USES (Uses)
(heat- or photo-curable compn. for neg.-working lithog. plate)

L49 ANSWER 2 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2003:929374 HCAPLUS
 DOCUMENT NUMBER: 139:396167
 TITLE: Preparation of amino acid derivatives as gelling agents
 INVENTOR(S): Van Bommel, Kjeld Jacobus Cornelis; Van Esch, Johannes Henricus; De Loos, Maaïke; Heeres, Andre; Feringa, Bernard Lucas
 PATENT ASSIGNEE(S): Applied Nanosystems B. V., Neth.
 SOURCE: Eur. Pat. Appl., 17 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1364941	A1	20031126	EP 2002-77007	20020522
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO 2003097587	A2	20031127	WO 2003-NL381	20030522
WO 2003097587	A3	20040311		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, FR, GB, GD, GE, GH, GM, GR, GU, HA, HE, HI, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NI, NO, NZ, OM, PA, PE, PG, PH, PK, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SN, ST, SV, SW, SY, SZ, TA, TB, TD, TE, TG, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VE, VN, VU, WA, WI, WO, WU, WY, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YY, YZ, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: EP 2002-77007 A 20020522

OTHER SOURCE(S): MARPAT 139:396167

AB The invention relates to a novel class of gelling agents
 $Y_1n-Am_1-X_1-Z(-X_2-Am_2-Y_2n)(-X_3-Am_3-Y_3n)$ [Z is (hetero)cycloalkyl or (hetero)aryl; X_1, X_2, X_3 are NH, CO, or NHC(O); Am_1, Am_2, Am_3 are amino acids or derivs. or a no. of amino acids or derivs.; Y_1, Y_2, Y_3 are OH, OR, NHR, where R is (cyclo)alk(en)(yn)yl; $n = 1$ or 2 (with provisos)] and to a process for their prepn. Thus, $Z-[Phe-O(CH_2)_7CH:CH_2]_3$ (Z is cis,cis-1,3,5-cyclohexanetricarbonyl) was prepd. via amidation reaction and used to form a gel of Grubbs catalyst in benzene.

IT 627093-39-4

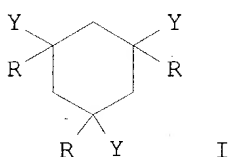
RL: CPS (Chemical process); PEP (Physical, engineering or chemical process); RCT (Reactant); PROC (Process); RACT (Reactant or reagent) (prepn. of amino acid derivs. as gelling agents)

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L49 ANSWER 3 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2001:225289 HCAPLUS
 DOCUMENT NUMBER: 134:256618
 TITLE: Cosmetic composition containing a cyclohexane derivative
 INVENTOR(S): Livoreil, Aude
 PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: Eur. Pat. Appl., 13 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1086945	A1	20010328	EP 2000-402369	20000828
EP 1086945	B1	20021009		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2798655	A1	20010323	FR 1999-11773	19990921
FR 2798655	B1	20011116		
AT 225766	E	20021015	AT 2000-402369	20000828
ES 2184686	T3	20030416	ES 2000-402369	20000828
JP 2001114630	A2	20010424	JP 2000-287797	20000921
PRIORITY APPLN. INFO.:			FR 1999-11773	A 19990921
OTHER SOURCE(S):	MARPAT 134:256618			
GI				



AB A cosmetic compn. contg. a cyclohexane deriv. [I; R = H, satd. hydrocarbon; Y = COSR', CONHR', NHCOR', SCOR' (R' = H, an aryl group substituted with a hydrocarbon chain)]. Thus, cis-1,3,5-tris(oleylaminocarbonyl)cyclohexane (II) was prepd. by the reaction of cis 1,3,5-cyclohexane-tricarboxylic acid with oleylamine. A cosmetic stick contained II 20.8, iron oxide 0.5 g, isododecane 16, and parleam oil 4 mL.

IT 330974-83-9 330974-84-0 330974-85-1
330974-86-2 330974-87-3 330974-88-4
330974-89-5 330974-90-8 330974-91-9
330974-92-0

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(cosmetic compn. contg. cyclohexane deriv.)

IT 330974-79-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(cosmetic compn. contg. cyclohexane deriv.)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L49 ANSWER 4 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:107928 HCAPLUS

DOCUMENT NUMBER: 134:165660

TITLE: Crosslinking agents, crosslinked solid polymer electrolytes, and secondary lithium polymer batteries

INVENTOR(S): Kang, Yong Koo; Kim, Eun Kyung; Kim, Ha Young; Oh, Bu Keun; Cho, Jae Hyun

PATENT ASSIGNEE(S): Samsung SDI Co., Ltd., S. Korea; Korea Research Institute of Chemical Technology

SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001040168	A2	20010213	JP 2000-195197	20000628
JP 3328262	B2	20020924		
KR 2001004121	A	20010115	KR 1999-24732	19990628
US 6395429	B1	20020528	US 2000-604882	20000628
PRIORITY APPLN. INFO.:			KR 1999-24732	A 19990628

OTHER SOURCE(S): MARPAT 134:165660

AB The crosslinking agents are represented as R1:CR4CO(OCH2CH2)pAX[A(CH2CH2O)qCOCR5:R2]A(CH2CH2O)lCOCR6:R3 [I; A = O, CO2, or C1-4 alkylene; X is selected from cyclohexane, benzene, triazine, trioxane, and isocyanurate; R1, R2, and R3 = C1-10 straight (or branched) olefin; R4, R5, and R6 = H or Me; p, q, and r = 1-20]. The solid polymer electrolytes are crosslinked compns. of (1) crosslinking agents I, (2) polyalkylene glycol alkyl ether alkyl (meth)acrylates, (3) Li salts, and (4) crosslinking initiators. Optionally, the electrolytes contain polyalkylene glycol dialkyl ethers. Secondary Li batteries contg. the above polymer electrolytes are also claimed. Thus, a compn. contg. tris(2-acryloyloxyethyl)isocyanurate, polyethylene glycol Me ether methacrylate, polyethylene glycol di-Me ether, dimethoxyphenyl acetophenone, and LiCF3SO3 was crosslinked by UV irradiation to give an electrolyte having high ion cond. and strength, which was applied to a secondary battery.

IT 325705-58-6

RL: DEV (Device component use); USES (Uses)
(crosslinking agent; polyoxyalkylene-based electrolytes crosslinked with acryloyloxyethyl derivs. for lithium batteries)

L49 ANSWER 5 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:84423 HCAPLUS

DOCUMENT NUMBER: 134:320292

TITLE: Development of sensing agents using Kemp's triacid derivatives for metal ions and chiral amines
AUTHOR(S): Hirose, Takuji; Naito, Kumiko; Taniguchi, Kayoko
CORPORATE SOURCE: Dep. Appl. Chem., Saitama Univ., Urawa, Japan
SOURCE: CACS Forum (2000), 20, 58-67
CODEN: CACFEJ

PUBLISHER: Saitama Daigaku Bunseki Senta

DOCUMENT TYPE: Journal; General Review

LANGUAGE: Japanese

AB A review with 26 refs. Sensing agents for metal ions and chiral amines were prepd. from the same starting material, Kemp's triacid. Kemp's triacid, cis,cis-1,3,5-trimethyl-1,3,5-cyclohexane tricarboxylic acid, has unique characteristics as a scaffold for sensing agents. Namely, three carboxyl groups are pointing in the same direction from a small cyclic stage. Using target specific design, the carboxyl groups were used to recognize the target or signal. For inorg. metal ion sensing, one or two carboxyl groups were used as chelating units while the remaining carboxyl groups served as chromophore linkers. As a result, highly sensitive detection of metal ions was obsd. by color change from yellow to red. For example, the detection limit for Hg2+ was 4.0 .times. 10-6 mol dm-3 using an imide monoacid and the same detection limit was obsd. for Gd3+ using amide diacid. For org. amines, two of the carboxyl groups were derivatized with optically active NMR signaling units and the remaining carboxyl group was used to bind the amines. The resulting optically active diamide monoacids were shown to be useful as NMR shift reagents to det. the optical purities of several chiral amines.

IT 335357-71-6P

RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)
(development of sensing agents using Kemp's triacid derivs. for metal ions and chiral amines)

L49 ANSWER 6 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:67678 HCAPLUS
 DOCUMENT NUMBER: 132:130026
 TITLE: Positive-working resist composition suited for use in deep UV ray exposure
 INVENTOR(S): Aogo, Toshiaki
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 44 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000029219	A2	20000128	JP 1998-197730	19980713
PRIORITY APPLN. INFO.:			JP 1998-197730	19980713

AB The title resist compn. contains (a) a compd. generating an acid upon activating ray or radiation irradiation, (b) a resin having polycyclic alicyclic groups and CO₂H groups, (c) a compd. having .gtoreq.2 groups CR1R2C:CR3Z [R1-3 = H, (substituted) alkyl, (substituted) cycloalkyl, 2 of R13 may link each other to form a ring structure comprising 3-8 C atoms and heteroatoms; Z = O, S, SO₂, NH], (d) a cyclic aliph. org. carboxylic acid with mol. wt. .ltoreq.1000 and/or a naphthalene ring-contg. org. carboxylic acid, (e) a N-contg. basic compd., and (f) a F-type and/or Si-type surfactant. The compn. shows improved developability and provides a resolu. pattern with high residual film rate and good profile using deep UV rays, esp., ArF excimer lasers.

IT **216308-35-9**
 RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)
 (deep UV-sensitive pos. resist compn.)

L49 ANSWER 7 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:67677 HCAPLUS
 DOCUMENT NUMBER: 132:130025
 TITLE: Positive-working resist composition suited for use in deep ultraviolet ray exposure
 INVENTOR(S): Aogo, Toshiaki
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 44 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000029218	A2	20000128	JP 1998-197729	19980713
PRIORITY APPLN. INFO.:			JP 1998-197729	19980713

AB The title resist compn. contains (a) a compd. generating an acid upon activating ray or radiation irradiation, (b) a resin having polycyclic alicyclic groups and CO₂H groups, (c) a compd. having .gtoreq.2 groups CR1R2C:CR3Z [R1-3 = H, (substituted) alkyl, (substituted) cycloalkyl, 2 of R13 may link each other to form a ring structure comprising 3-8 C atoms and heteroatoms; Z = O, S, SO₂, NH], (d) a N-contg. basic compd., and (e) a F-type and/or Si-type surfactant. The compn. shows improved developability and provides a pattern with high residual film rate and good profile using deep UV rays, esp., ArF excimer lasers.

IT **216308-35-9**
 RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)

(deep UV-sensitive pos. resist compn.)

L49 ANSWER 8 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:67675 HCAPLUS
 DOCUMENT NUMBER: 132:130024
 TITLE: Positive-working resist composition suited for use in deep ultraviolet ray exposure
 INVENTOR(S): Aogo, Toshiaki
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 44 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000029216	A2	20000128	JP 1998-194566	19980709
PRIORITY APPLN. INFO.:			JP 1998-194566	19980709

AB The title resist compn. contains (a) a compd. generating an acid upon activating ray or radiation irradiation, (b) a resin having polycyclic alicyclic groups and CO₂H groups, (c) a compd. having .gtoreq.2 groups CR1R2C:CR3Z [R1-3 = H, (substituted) alkyl, (substituted) cycloalkyl, 2 of R1-3 may link each other to form a ring structure comprising 3-8 C atoms and heteroatoms; Z = O, S, SO₂, NH], (d) a compd. having a N-contg. basic group and acidic group in its mol., and (e) a F-type and/or Si-type surfactant. The compn. shows improved developability and provides a resolu. pattern with high residual film rate and good profile using deep UV rays, esp., ArF excimer lasers.
 IT **216308-35-9**
 RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)
 (deep UV-sensitive pos. resist compn.)

L49 ANSWER 9 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:760085 HCAPLUS
 DOCUMENT NUMBER: 130:31165
 TITLE: Positive resist composition
 INVENTOR(S): Aoi, Toshiaki; Kondo, Shunichi; Sato, Kenichiro; Yamaoka, Tsuguo
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 84 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 878738	A2	19981118	EP 1998-108549	19980511
EP 878738	A3	19990623		
EP 878738	B1	20020109		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 10312060	A2	19981124	JP 1997-120919	19970512
US 6245485	B1	20010612	US 1998-75818	19980512
JP 11160877	A2	19990618	JP 1998-268267	19980922
PRIORITY APPLN. INFO.:			JP 1997-120919	A 19970512
			JP 1997-260399	A 19970925

AB Disclosed is a pos. resist compn. which ensures, on use of an exposure light source of 220 nm or less, high sensitivity, good resolu.,

sufficiently high resistance against dry etching, satisfactory adhesion to the substrate, and superior developability even with a developer conventionally used for resists (for example, a 2.38% aq. tetramethylammonium hydroxide soln.), the pos. resist compn. comprising a compd. generating an acid on irradiation of an active light ray or radiation, a resin having a polycyclic-type alicyclic group and a carboxyl group, and a compd. having at least two groups having the structure $R_1R_2C=CR_3Z-$ ($R_1-3 = H$, alkyl, or cycloalkyl with the proviso that two of R_1-3 may be combined to form a ring having 3-8 carbon or hetero atoms; $Z = O, S, SO_2$, or NH).

IT **216308-35-9**

RL: TEM (Technical or engineered material use); USES (Uses)
(pos. photoresists contg. polycyclic resins and)

L49 ANSWER 10 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:61755 HCAPLUS

DOCUMENT NUMBER: 128:154698

TITLE: Synthesis and optical characterization of cholesteric polymer networks

AUTHOR(S): Stohr, Andreas; Strohriegel, Peter

CORPORATE SOURCE: Makromolekulare Chemie I and Bayreuther Institut für Makromolekulforschung, Universität Bayreuth, Bayreuth, D-95440, Germany

SOURCE: Molecular Crystals and Liquid Crystals Science and Technology, Section A: Molecular Crystals and Liquid Crystals (1997), 299, 211-221
CODEN: MCLCE9; ISSN: 1058-725X

PUBLISHER: Gordon & Breach Science Publishers

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Some novel chiral liq. cryst. diacrylates and triacrylates are synthesized. Photopolymn. of mixts. with nematic di- and triacrylates leads to polymer networks in which the helical structure of the cholesteric mesophase is frozen in. The reflection wavelength of the cholesteric phase is controlled by the compn. of the mixts. and was detd. by UV-VIS spectroscopy. The angular dependence of the reflection wavelength of the polymer networks and the corresponding colorimetric coordinates were evaluated.

IT **201601-62-9P 202598-31-0P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(monomers; in prepn. and optical characterization of cholesteric polymer networks)

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L49 ANSWER 11 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1996:545599 HCAPLUS

DOCUMENT NUMBER: 125:170986

TITLE: Crosslinking agents for acid-resistant and storage-stable coatings with high toughness

INVENTOR(S): Tanaka, Takeshi; Takuma, Juki

PATENT ASSIGNEE(S): Mitsubishi Chemical Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08151479	A2	19960611	JP 1994-296627	19941130

PRIORITY APPLN. INFO.: JP 1994-296627 19941130

OTHER SOURCE(S): MARPAT 125:170986

AB Title agents have the general formula $Z(\text{CO}_2\text{CR}_1\text{CHR}_2)_n$ ($\text{R}_1, \text{R}_2 = \text{H}, \text{C}_1\text{-20 alkyl}, \text{C}_6\text{-20 aryl}; Z = \text{C}_6\text{-10 arom. hydrocarbon}, \text{C}_4\text{-8 alicyclic hydrocarbon}, \text{biphenyl}, \text{C}_2\text{-6 aliph. hydrocarbon group}; n = 2\text{-}10$). Thus, 200 parts triisopropenyl 1,3,5-benzenetricarboxylate were blended with p-toluenesulfonic acid and 800 parts of 400:400 dispersion of THF and an acrylic polyol (prepd. by radical polymn. of Me methacrylate 300, hydroxyethyl methacrylate 140, and styrene 120 parts). The resulting compn. was applied on a glass plate and cured at 150.degree. for 40 min to give a coating showing pencil hardness 2-3 H, no changes in pencil hardness and appearance after immersing in aq. H_2SO_4 for 7 days.

IT 180742-49-8P

RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)

(polycarboxylic acid ester crosslinking agents for acid-resistant coatings)

L49 ANSWER 12 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1993:23855 HCAPLUS

DOCUMENT NUMBER: 118:23855

TITLE: Vinyl ether siloxane copolymer coating compositions

INVENTOR(S): Liu, Kou Chang

PATENT ASSIGNEE(S): ISP Investments Inc., USA

SOURCE: U.S., 6 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5147946	A	19920915	US 1991-667140	19910311

PRIORITY APPLN. INFO.: US 1991-667140 19910311

AB The title compns., useful for forming clear, chem.-resistant and water-repellent protective films on substrates, contain 15-40% cyclic polyvinyl compds. and 60-85% OH-contg. vinyl ether siloxanes. Thus, applying a compn. contg. tris(4-vinyloxybutyl)-1,3,5-cyclohexyltricarboxylate 30, $\text{H}_2\text{C:CHOC}_4\text{H}_8\text{OCH}_2\text{CH(OH)CH}_2\text{OC}_6\text{H}_4\text{CH}_2\text{C}_6\text{H}_4\text{OCH}_2\text{CH(OH)CH}_2\text{OC}_2\text{H}_4\text{OC}_3\text{H}_6(\text{SiMe}_2\text{O})_4\text{SiMe}_3$ 69, and $\text{Ph}_3\text{S}^+\text{PF}_6^-$ 1 part on an Al panel to .apprx.1.3 mils, irradiating by UV and baking at 177.degree. for 10 min gave coatings having excellent adhesion and no. of ketone solvent rubs before break-through .gtoreq.100.

IT 145116-99-0D, polymers with hydroxy-contg. vinyl group-terminated siloxanes

RL: TEM (Technical or engineered material use); USES (Uses)

(coatings, UV-curable, chem.- and water-resistant)

L49 ANSWER 13 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1991:634930 HCAPLUS

DOCUMENT NUMBER: 115:234930

TITLE: Heat-sensitive recording materials

INVENTOR(S): Minami, Tooru; Minami, Toru; Yanagi, Tatsuro; Noda, Mariko

PATENT ASSIGNEE(S): Sanyo Chemical Industries Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03120077	A2	19910522	JP 1989-258336	19891003
PRIORITY APPLN. INFO.:			JP 1989-258336	19891003
OTHER SOURCE(S): MARPAT 115:234930				

AB The title media giving images with good color d. and whiteness contain vinyl ethers (CH₂:CROAO₂CNH)_nY (A = C1-7 alkylene; R = H, Me; Y = isocyanate residues; n = 1-7) and/or (CH₂:CROAO₂C)_nZ (Z = CO₂H residues). Thus, [CH₂:CHO(CH₂)₄O₂CNH]₂X (X = 1,4-cyclohexanediyl) was used.

IT **137133-09-6**

RL: USES (Uses)

(sensitizers, for heat-sensitive recording materials)

L49 ANSWER 14 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1991:81518 HCAPLUS

DOCUMENT NUMBER: 114:81518

TITLE: Convergent functional groups. X. Molecular recognition of neutral substrates

AUTHOR(S): Jeong, K. S.; Tjivikua, T.; Muehldorf, A.; Deslongchamps, G.; Famulok, M.; Rebek, J., Jr.

CORPORATE SOURCE: Dep. Chem., Massachusetts Inst. Technol., Cambridge, MA, 02139, USA

SOURCE: Journal of the American Chemical Society (1991), 113(1), 201-9

CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Synthetic mol. clefts with functional groups complementary to adenines, diketopiperazines, and barbiturates have been prepd. Lactams and imides are compared for H bonding affinities toward each other and to the above heterocycles. Titrs. in CDCl₃ using NMR show that assocn. consts. vary by factors of 104 for adenines, 102 for diketopiperazines, and 10 for barbiturates with the new receptors. Enantioselective recognition of cyclo-L-Leu-Leu is obsd., corresponding to .DELTA..DELTA.G = 2.7 kcal/mol. The relative strengths of H-bonding arrays are interpreted in terms of secondary interactions.

IT **129032-18-4P 131589-71-4P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and redn. of)

L49 ANSWER 15 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1990:531959 HCAPLUS

DOCUMENT NUMBER: 113:131959

TITLE: Molecular recognition. Asymmetric complexation of diketopiperazines

AUTHOR(S): Jeong, K. S.; Muehldorf, A. V.; Rebek, Julius, Jr.

CORPORATE SOURCE: Dep. Chem., Massachusetts Inst. Technol., Cambridge, MA, 02139, USA

SOURCE: Journal of the American Chemical Society (1990), 112(16), 6144-5

CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal

LANGUAGE: English

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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB A new triacid, cis,cis-1,3,5-tripropylcyclohexane 1,3,5-tricarboxylic acid (I), is introduced as an analog of Kemp's triacid with enhanced soly.

Dilactam and diimide derivs., e.g., II, are prepd. through condensation with arom. diamines. The dilactams show high affinity for diketopiperazines III (R, R1 = H, CH₂CHMe₂) in complexation reactions in CDC13. Optically active dilactams bind cyclo-L-leucyl-L-leucine with enantioselectivity of ~100:1 in CDC13.

IT **129032-18-4P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and sequential redn. and hydrolysis of, triacid from)

L49 ANSWER 16 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1987:587554 HCAPLUS
DOCUMENT NUMBER: 107:187554
TITLE: Preparation of microreplicas
PATENT ASSIGNEE(S): Eastman Kodak Co., USA
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62044732	A2	19870226	JP 1986-192624	19860818
PRIORITY APPLN. INFO.:			US 1985-766991	19850819

AB Microreplicas are prepd. by coating a master pattern with a radiation curing type compn. contg. a compd. of the formula Z(CO₂Z1O₂CCR:CH₂)_p [Z = aliph. or arom. moiety; Z1 = (CH₂)_n, CH₂CH₂OCH₂CH₂, CHMeCH₂; R = H, Me; n = 2-10; p = 3, 4] and irradiating the coating with an actinic radiation. The method is esp. useful for prepn. of optical disk replicas. Thus, an optical disk was metalized, then coated with a compn. contg. tris(2-acryloyloxyethyl) 1,3,5-cyclohexanetricarboxylate, 2-acryloyloxyethyl benzoates, 3-benzoyl-5,7-dipropoxycoumarin, and Et p-dimethylaminobenzoate, and the coating was cured to give a replica with good mech. strength.

IT **106610-37-1**

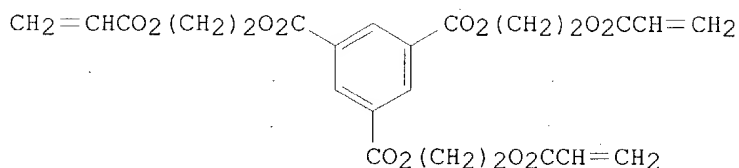
RL: USES (Uses)
(photosensitive resin compns. contg., for optical disk replica prepn)

L49 ANSWER 17 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1987:76230 HCAPLUS
DOCUMENT NUMBER: 106:76230
TITLE: Optical recording element having a polymerized crosslinked homopolymer smoothing layer
INVENTOR(S): Molaire, Michel F.; Kaplan, Mark S.
PATENT ASSIGNEE(S): Eastman Kodak Co., USA
SOURCE: U.S., 6 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4619890	A	19861028	US 1985-766992	19850819
JP 62046687	A2	19870228	JP 1986-192623	19860818
PRIORITY APPLN. INFO.:			US 1985-766992	19850819

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AB An optical recording material useful for recording digital, video, and audio information contains a support coated with a smoothing layer that is a crosslinked homopolymer in which the polymd., crosslinked recurring unit is derived from the monomer A(ZZlCOCR:CH₂)_m (A = benzene, cyclohexane nucleus; Z = CO₂, O; Zl = (CH₂)_nO, (CH₂CH₂O)_n; R = H, Me; m = 2-4; n = 2-10). The layer is flexible and nonbrittle. Thus, a polyester support was coated with a compn. (15% solids in CH₂Cl₂) contg. I 863.6, 3-benzoyl-5,7-dipropoxycoumarin 236.8, Et p-dimethylaminobenzoate 473.6, and Fluorad FC431 64.6 mg/m² to produce a 5 .mu.m dry layer, exposed to a 3000 W Hg lamp for 0.1 s, and coated (vacuum deposition) with a metal reflecting layer.

IT 106610-37-1

RL: USES (Uses)

(photopolymerizable smoothing layer compn. contg., for optical recording element)

L49 ANSWER 18 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1984:78853 HCAPLUS

DOCUMENT NUMBER: 100:78853

TITLE: Gas chromatography of iron(III) chelates of hexadentate Schiff bases

AUTHOR(S): Dilli, S.; Patsalides, E.

CORPORATE SOURCE: Sch. Chem., Univ. New South Wales, Kensington, 2033, Australia

SOURCE: Journal of Chromatography (1983), 270, 354-8

CODEN: JOCRAM; ISSN: 0021-9673

DOCUMENT TYPE: Journal

LANGUAGE: English

AB FeL (H₃L = H₃C(CH₂NHC(CH₃):CHC(O)CH₃)₃, 4,4',4''-(cyclohexane-cis,cis-1,3,5-triyltriimino)tris(pent-en-2-one) (I)) were prepd. from H₃L, FeCl₃ and KOBu-tert in THF and characterized by elemental anal. I and FeL (H₃L = I) are newly reported. Although FeL decomp. near 230.degree. without appreciable volatilization they chromatograph at <230.degree. without apparent decompn. Sharp, sym. peaks were obtained, in contrast to Fe complexes of .beta.-diketones. At ng levels attempts to prep. and ext. FeL from aq. soln. were unsuccessful.

IT 88437-21-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L49 ANSWER 19 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1978:522224 HCAPLUS

DOCUMENT NUMBER: 89:122224

TITLE: Schiff bases of 1,3-dicarbonyl compounds with triamines and their iron(III), cobalt(III), nickel(II) and copper(II) complexes

AUTHOR(S): Flueckiger, Jean Rodolphe; Schlaepfer, Carl Wilhelm
CORPORATE SOURCE: Inst. Anorg. Anal. Chem., Univ. Fribourg, Fribourg, Switz.

SOURCE: Helvetica Chimica Acta (1978), 61(5), 1765-74

CODEN: HCACAV; ISSN: 0018-019X

DOCUMENT TYPE: Journal

LANGUAGE: German

AB The reactions of 1,1,1-tris(aminomethyl)ethane and cis,cis-1,3,5-triaminocyclohexane with MeCOC[:CH(OEt)]COR (R = OEt, Me) gave Z[CH₂NHCH:C(COR)COMe]₃ (Z = ethylidyne and 1,3,5-cyclohexanetriyl; R = OEt, Me), resp. These 4 ligands (H₃L) react with metals to give octahedral ML (M = Co, Fe) and square planar one of the bidentate branches of the ligand is not deprotonated and remains uncoordinated.

IT **67516-58-9P 67516-60-3P**

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L49 ANSWER 20 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1975:5571 HCAPLUS
DOCUMENT NUMBER: 82:5571
TITLE: Wetting agents for nonaqueous dispersions
INVENTOR(S): Bruenner, Rolf S.
PATENT ASSIGNEE(S): Aerojet-General Corp.
SOURCE: U.S., 19 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3819561	A	19740625	US 1970-83473	19701023
PRIORITY APPLN. INFO.:			US 1970-83473	19701023

AB The title compds., suitable for use in nonaq. dispersions, e.g. for lowering the viscosity of polybutadiene propellant binders contg. finely ground NH₄ perchlorate (I), consisted of ureas, phosphoric triamides, and sulfones, prepd. by the addn. reaction of amines with isocyanates at room temp. Thus, treatment of Armeen 2-0 [40165-68-2] with Isonate 125M [101-68-8] gave bis[4-[(dioleylaminocarbonyl)amino]phenyl]methane [52978-36-6] which when added (0.5%) to a suspension of ultrafine I in mineral oil gave Oswald viscosity 1510 cSt at 25.degree..

IT **53092-33-4**

RL: USES (Uses)
(wetting agents, for nonaq. dispersions)

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=> fil caold

FILE 'CAOLD' ENTERED AT 12:37:26 ON 21 MAY 2004
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FILE LAST UPDATED: 01 May 1997 (19970501/UP)

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DICTIONARY FILE UPDATES: 20 MAY 2004 HIGHEST RN 684211-73-2

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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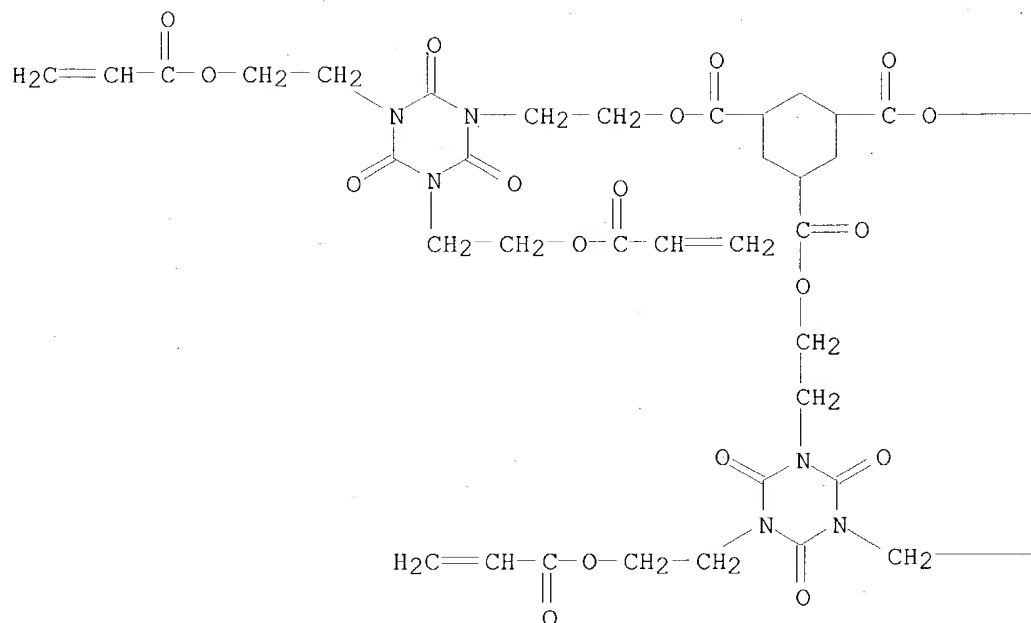
Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
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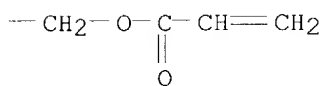
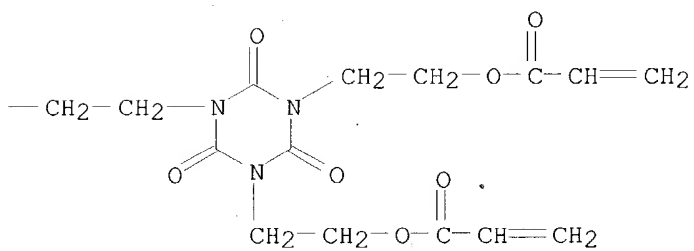
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L48 ANSWER 1 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 679408-06-1 REGISTRY
CN 1,3,5-Cyclohexanetricarboxylic acid, tris[2-[tetrahydro-2,4,6-trioxo-3,5-
bis[2-[(1-oxo-2-propenyl)oxy]ethyl]-1,3,5-triazin-1(2H)-yl]ethyl] ester
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C54 H63 N9 O27
CI COM
SR CA
LC STN Files: CA, CAPLUS

X



PAGE 1-B



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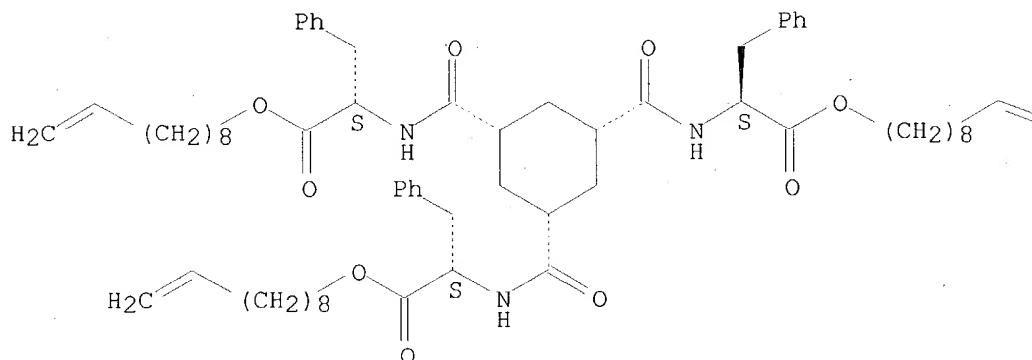
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:329574

L48 ANSWER 2 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 627093-39-4 REGISTRY
 CN L-Phénylalanine, N,N',N''-[(1.alpha.,3.alpha.,5.alpha.)-1,3,5-
 cyclohexanetriyltricarboxyl]tris-, tri-9-decenyl ester (9CI) (CA INDEX
 NAME)
 FS STEREOSEARCH
 MF C66 H93 N3 O9
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

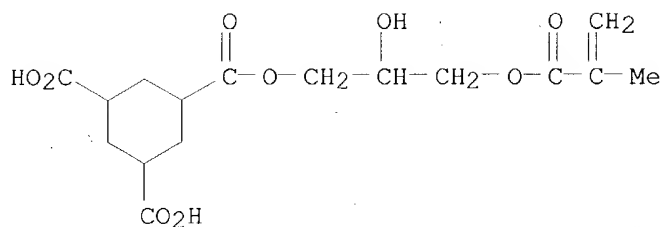
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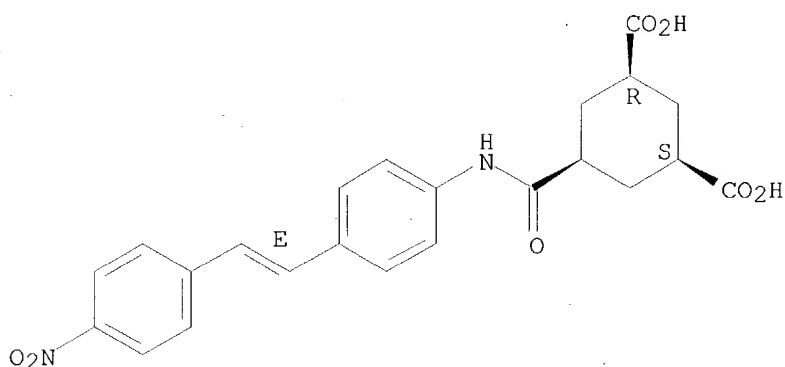
L48 ANSWER 3 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 393545-91-0 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxylic acid, mono[2-hydroxy-3-[(2-methyl-1-oxo-2-
 propenyl)oxy]propyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C16 H22 O9
 CI COM
 SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L48 ANSWER 4 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 335357-71-6 REGISTRY
 CN 1,3-Cyclohexanedicarboxylic acid, 5-[[[4-[(2E)-2-(4-nitrophenyl)ethenyl]phenyl]amino]carbonyl]-, (1.alpha.,3.alpha.,5.alpha.)-(9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C23 H22 N2 O7
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

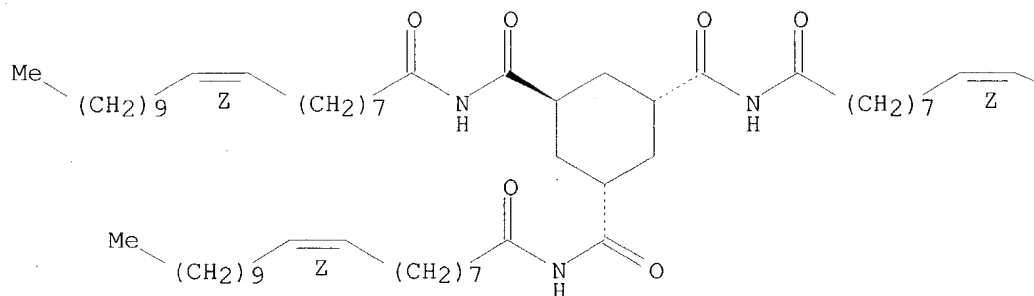
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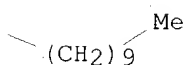
L48 ANSWER 5 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-92-0 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N,N',N''-tris[(9Z)-1-oxo-9-eicosenyl]-, (1.alpha.,3.alpha.,5.beta.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C69 H123 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

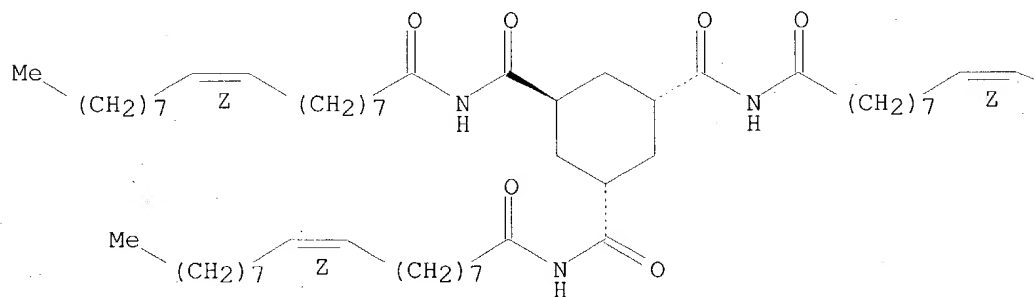
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REFERENCE 1: 134:256618

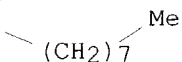
L48 ANSWER 6 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 330974-91-9 REGISTRY
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(1.alpha.,3.alpha.,5.beta.)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C63 H111 N3 O6
SR CA
LC STN Files: CA, CAPLUS

Relative stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

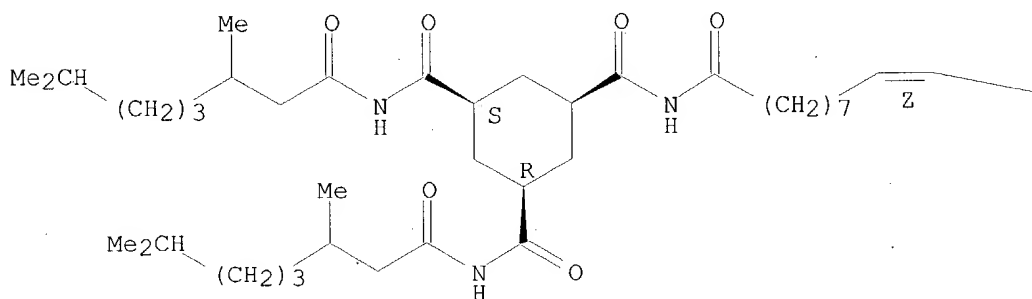
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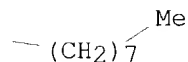
L48 ANSWER 7 OF 29 REGISTRY. COPYRIGHT 2004 ACS on STN
RN 330974-90-8 REGISTRY
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[(9Z)-1-oxo-9-octadecenyl]-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C47 H83 N3 O6
SR CA
LC STN Files: CA, CAPLUS

Relative stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

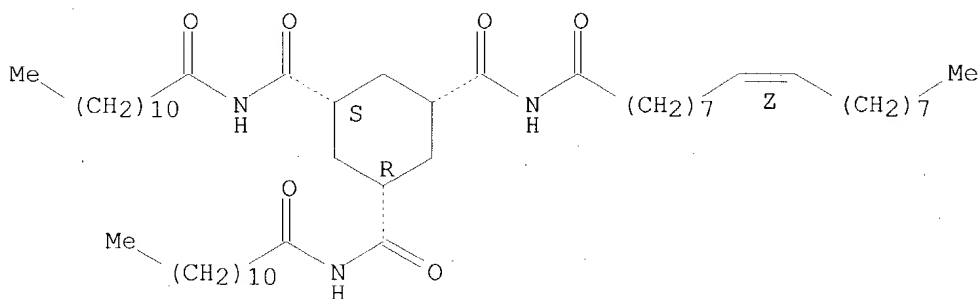
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REFERENCE 1: 134:256618

L48 ANSWER 8 OF 29 REGISTRY. COPYRIGHT 2004 ACS on STN
RN 330974-89-5 REGISTRY

CN 1,3,5-Cyclohexanetricarboxamide, N,N'-bis(1-oxododecyl)-N''-[(9Z)-1-oxo-9-octadecenyl]-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C51 H91 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.



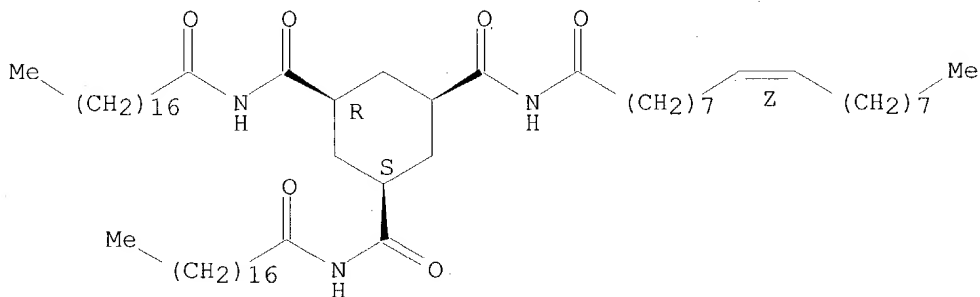
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1 REFERENCES IN FILE CA (1907 TO DATE)
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REFERENCE 1: 134:256618

L48 ANSWER 9 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-88-4 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N-[(9Z)-1-oxo-9-octadecenyl]-N',N''-bis(1-oxooctadecyl)-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C63 H115 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

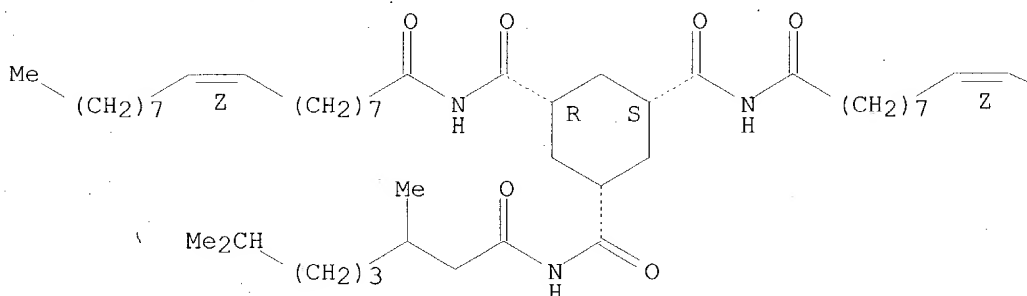
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:256618

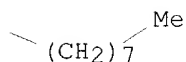
L48 ANSWER 10 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-87-3 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N-(3,7-dimethyl-1-oxooctyl)-N',N''-bis[(9Z)-1-oxo-9-octadecenyl]-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C55 H97 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

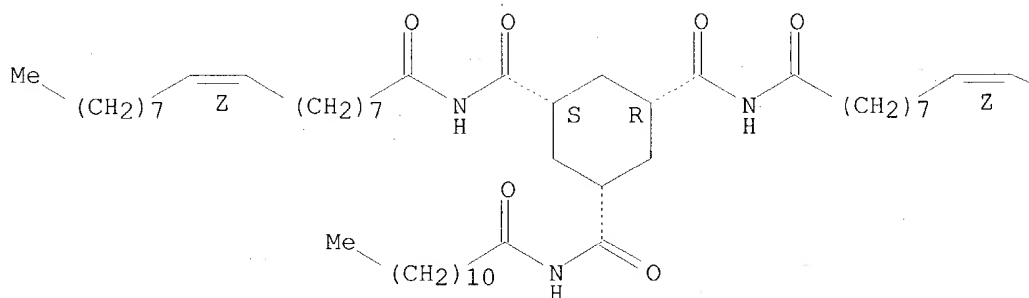
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:256618

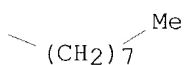
L48 ANSWER 11 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-86-2 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N-(1-oxododecyl)-N',N''-bis[(9Z)-1-oxo-9-octadecenyl]-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C57 H101 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

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PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

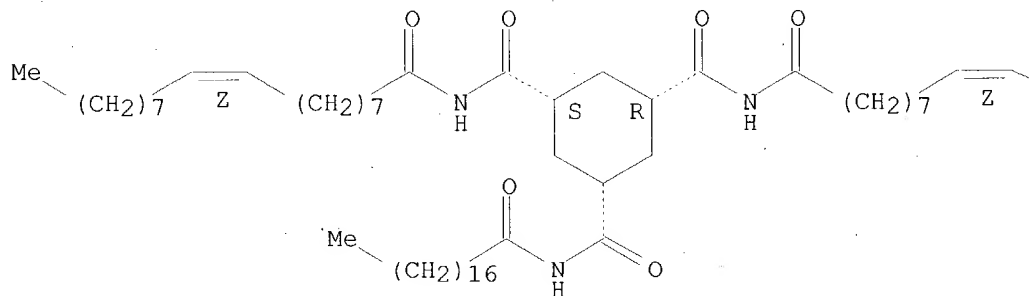
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:256618

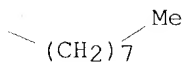
L48 ANSWER 12 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 330974-85-1 REGISTRY
CN 1,3,5-Cyclohexanetricarboxamide, N,N'-bis[(9Z)-1-oxo-9-octadecenyl]-N''-(1-oxooctadecyl)-, (1.alpha.,3.alpha.,5.alpha.)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C63 H113 N3 O6
SR CA
LC STN Files: CA, CAPLUS

Relative stereochemistry.
Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

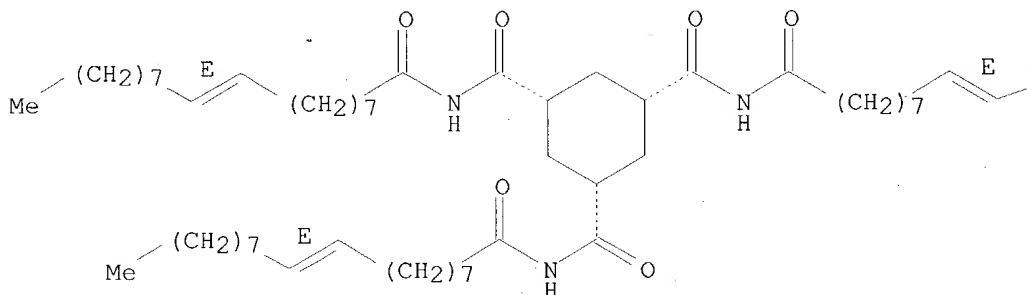
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:256618

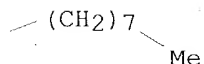
L48 ANSWER 13 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 330974-84-0 REGISTRY
CN 1,3,5-Cyclohexanetricarboxamide, N,N',N''-tris[(9E)-1-oxo-9-octadecenyl]-,
(1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C63 H111 N3 O6
SR CA
LC STN Files: CA, CAPLUS

Relative stereochemistry.
Double bond geometry as shown.

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PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

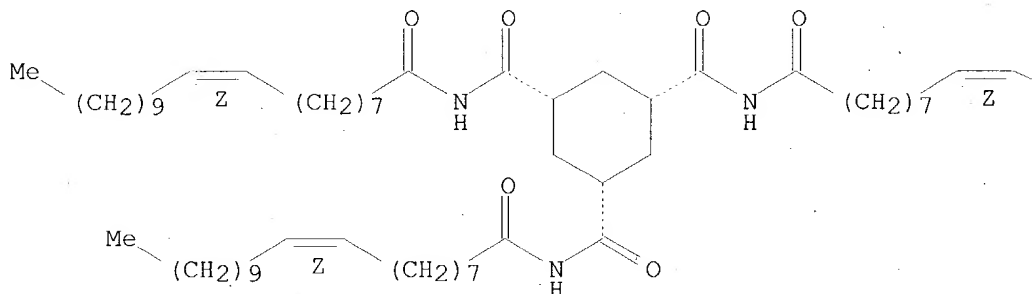
REFERENCE 1: 134:256618

L48 ANSWER 14 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 330974-83-9 REGISTRY
CN 1,3,5-Cyclohexanetricarboxamide, N,N',N''-tris[(9Z)-1-oxo-9-eicosenyl]-,

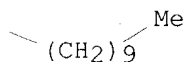
(1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C69 H123 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

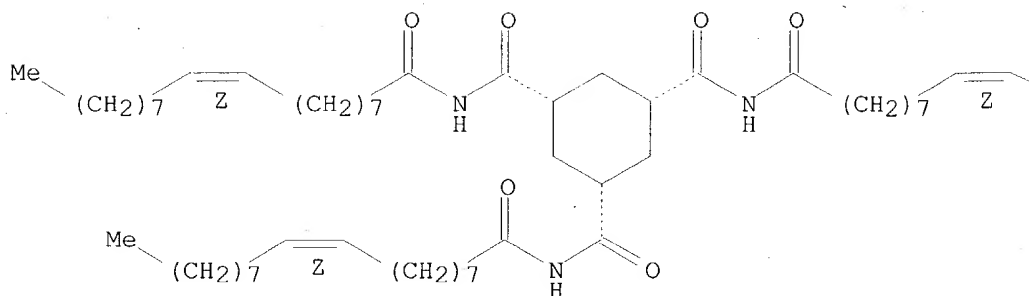
1 REFERENCES IN FILE CA (1907 TO DATE)
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REFERENCE 1: 134:256618

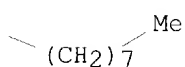
L48 ANSWER 15 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-79-3 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N,N',N''-tris[(9Z)-1-oxo-9-octadecenyl]-,
 (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C63 H111 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

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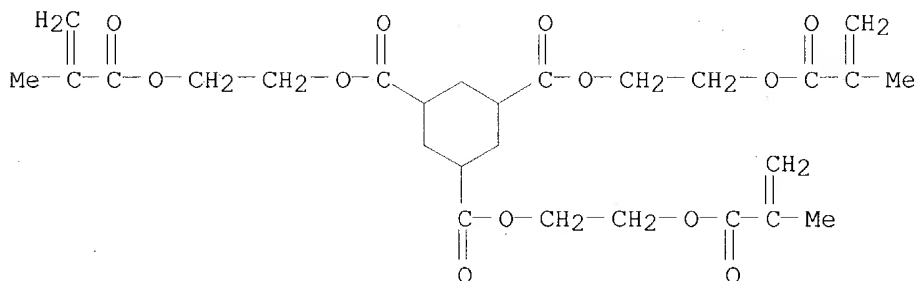


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:256618

L48 ANSWER 16 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 325705-58-6 REGISTRY
CN 1,3,5-Cyclohexanetricarboxylic acid, tris[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H36 O12
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

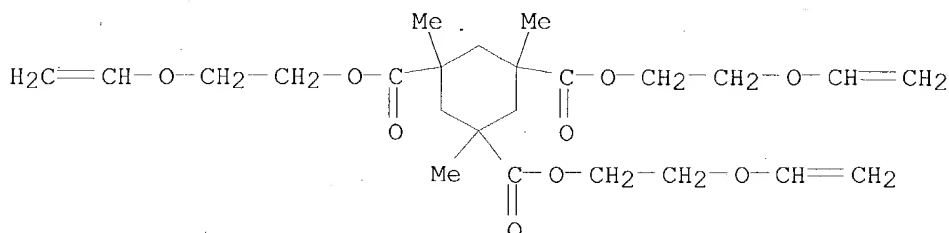


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:165660

L48 ANSWER 17 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 216308-35-9 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxylic acid, 1,3,5-trimethyl-,
 tris[2-(ethenyloxy)ethyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C24 H36 O9
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 132:130026

REFERENCE 2: 132:130025

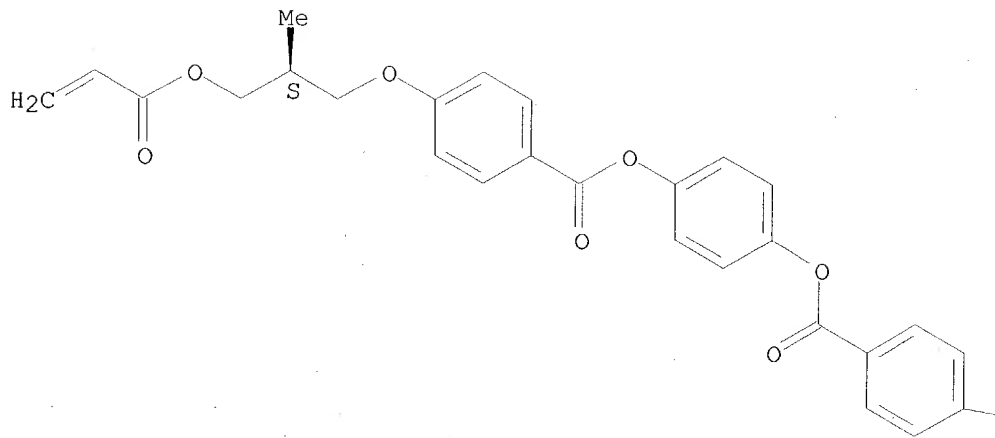
REFERENCE 3: 132:130024

REFERENCE 4: 130:31165

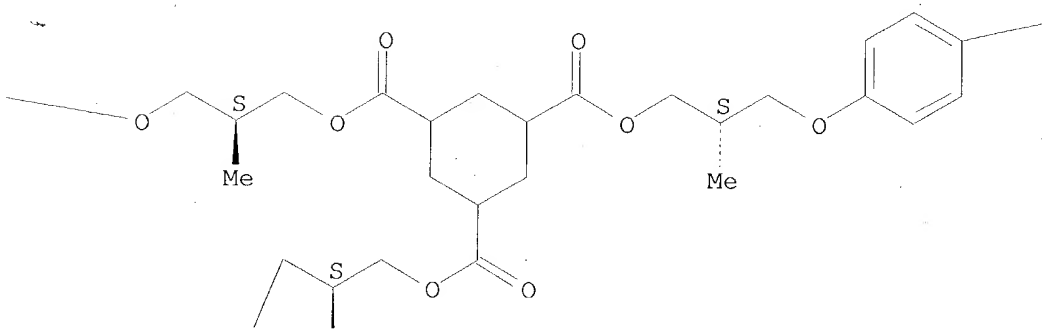
L48 ANSWER 18 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 202598-31-0 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxylic acid, tris[2-methyl-3-[4-[[4-[[4-[2-methyl-3-[(1-oxo-2-propenyl)oxy]propoxy]benzoyl]oxy]phenoxy]carbonyl]phenoxy]propyl] ester, (all-S)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C102 H102 O30
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

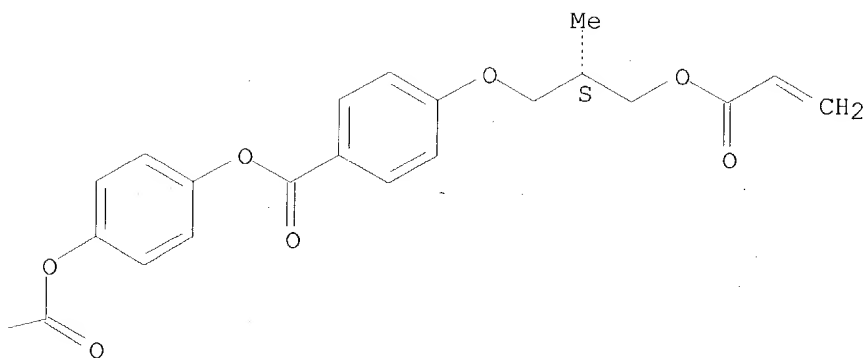
PAGE 1-A



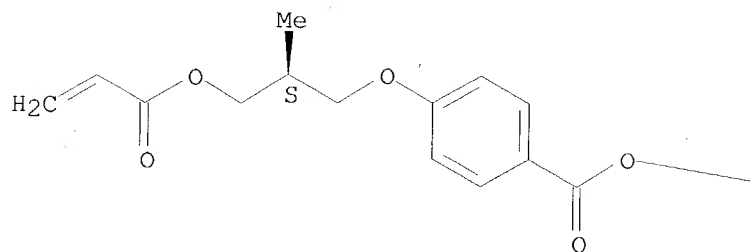
PAGE 1-B



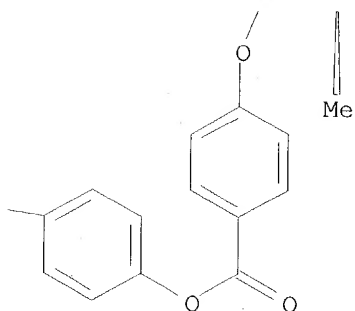
PAGE 1-C



PAGE 2-A



PAGE 2-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

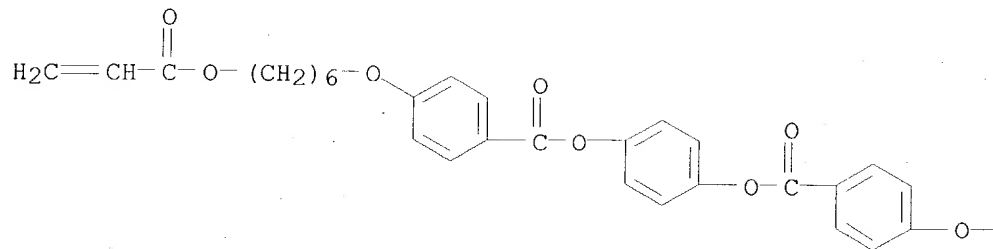
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 128:154698

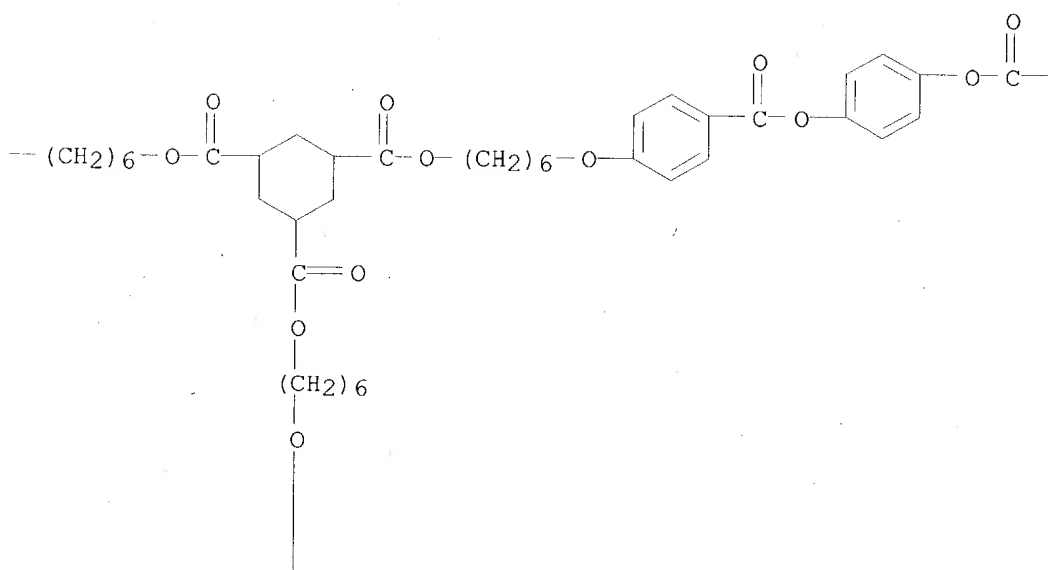
L48 ANSWER 19 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 201601-62-9 REGISTRY
CN 1,3,5-Cyclohexanetricarboxylic acid, tris[6-[4-[[4-[[4-[[6-[(1-oxo-2-propenyl)oxy]hexyl]oxy]benzoyl]oxy]phenoxy]carbonyl]phenoxy]hexyl] ester (9CI) (CA INDEX NAME)
FS 3D CONCORD

DR 202598-32-1
 MF C114 H126 O30
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS

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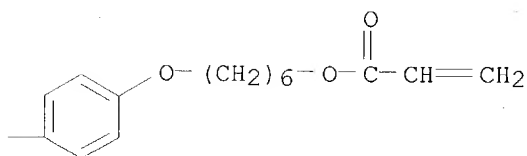


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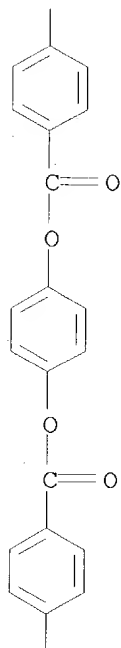


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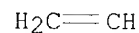
PAGE 1-C



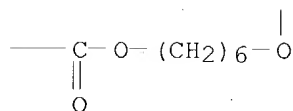
PAGE 2-B



PAGE 3-A



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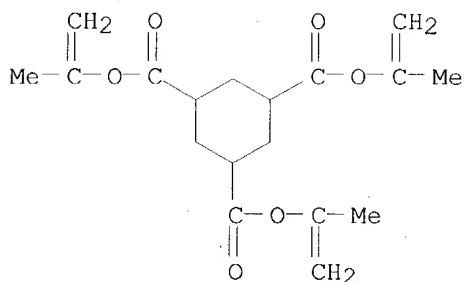


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 128:154698

L48 ANSWER 20 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 180742-49-8 REGISTRY
CN 1,3,5-Cyclohexanetricarboxylic acid, tris(1-methylethenyl) ester (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C18 H24 O6
CI COM
SR CA
LC STN Files: CA, CAPLUS

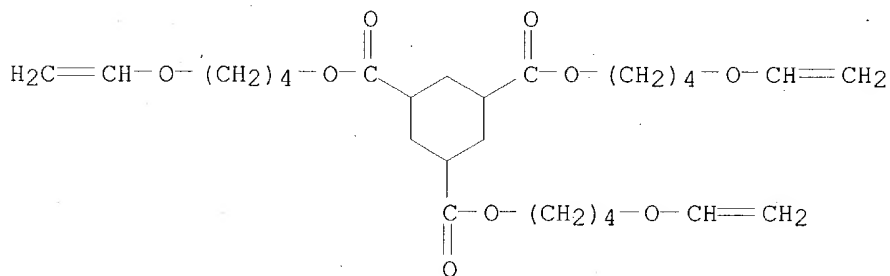


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 125:170986

L48 ANSWER 21 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 145116-99-0 REGISTRY
CN 1,3,5-Cyclohexanetricarboxylic acid, tris[4-(ethenyloxy)butyl] ester (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C27 H42 O9
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

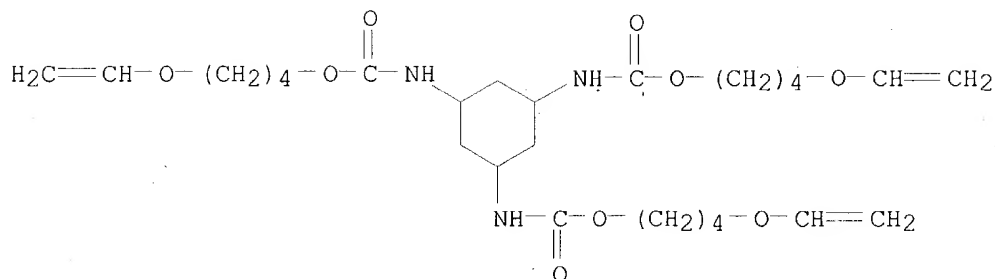


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 118:23855

L48 ANSWER 22 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 137133-09-6 REGISTRY
CN Carbamic acid, 1,3,5-cyclohexanetriyltris-, tris[4-(ethenyloxy)butyl]
ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H45 N3 O9
SR CA
LC STN Files: CA, CAPLUS



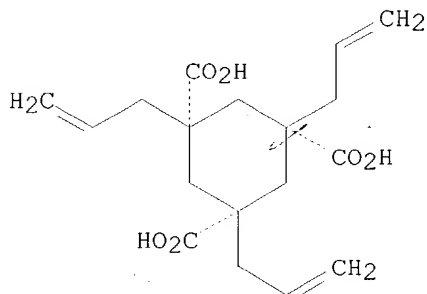
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 115:234930

L48 ANSWER 23 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 131589-71-4 REGISTRY
CN 1,3,5-Cyclohexanetricarboxylic acid, 1,3,5-tri-2-propenyl-,
(1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C18 H24 O6
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Relative stereochemistry.



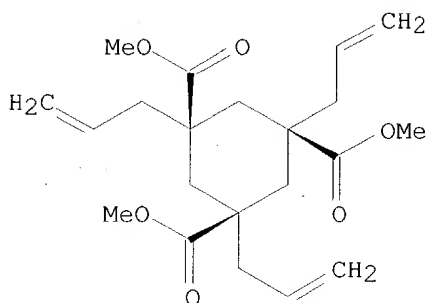
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 114:81518

L48 ANSWER 24 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 129032-18-4 REGISTRY
CN 1,3,5-Cyclohexanetricarboxylic acid, 1,3,5-tri-2-propenyl-, trimethyl
ester, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C21 H30 O6
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Relative stereochemistry.



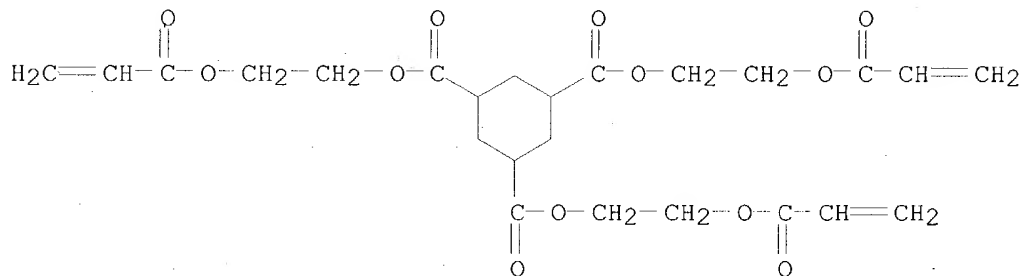
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 114:81518

REFERENCE 2: 113:131959

L48 ANSWER 25 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 106610-37-1 REGISTRY
CN 1,3,5-Cyclohexanetricarboxylic acid, tris[2-[(1-oxo-2-propenyl)oxy]ethyl]
ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H30 O12
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

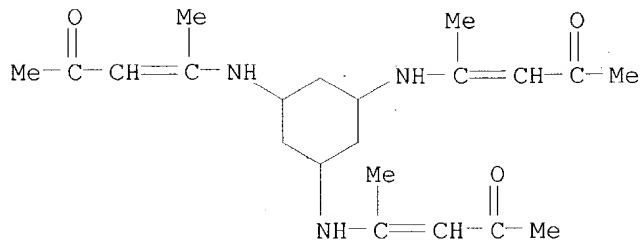
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 107:187554

REFERENCE 2: 106:76230

L48 ANSWER 26 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 88437-21-2 REGISTRY
CN 3-Penten-2-one, 4,4',4''-(1,3,5-cyclohexanetriyltriimino)tris-,
(1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)

MF C21 H33 N3 O3
 LC STN Files: BEILSTEIN*, CA, CAPLUS
 (*File contains numerically searchable property data)

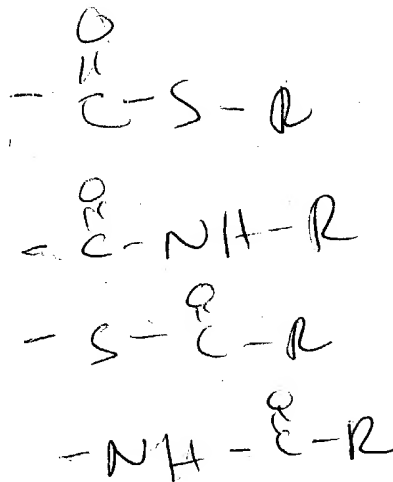
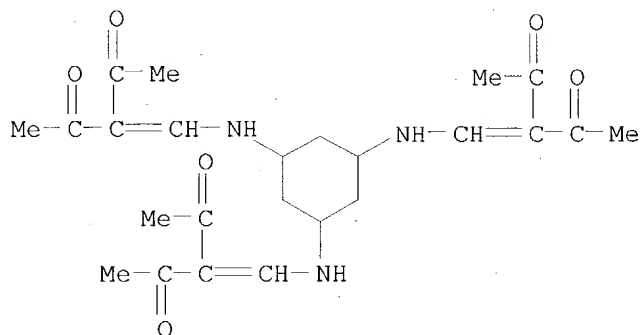


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 100:78853

L48 ANSWER 27 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 67516-60-3 REGISTRY
 CN 2,4-Pentanedione, 3,3',3''-[1,3,5-cyclohexanetriyltris(iminomethylidene)]tris-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 MF C24 H33 N3 O6
 LC STN Files: CA, CAPLUS

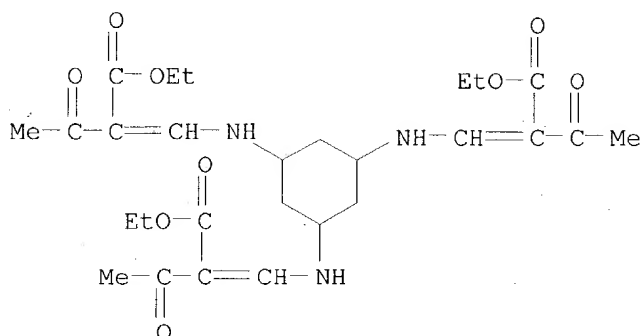


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 89:122224

L48 ANSWER 28 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 67516-58-9 REGISTRY
 CN Butanoic acid, 2,2',2''-[1,3,5-cyclohexanetriyltris(iminomethylidene)]tris [3-oxo-, triethyl ester, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 MF C27 H39 N3 O9
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 89:122224

L48 ANSWER 29 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN

RN 53092-33-4 REGISTRY

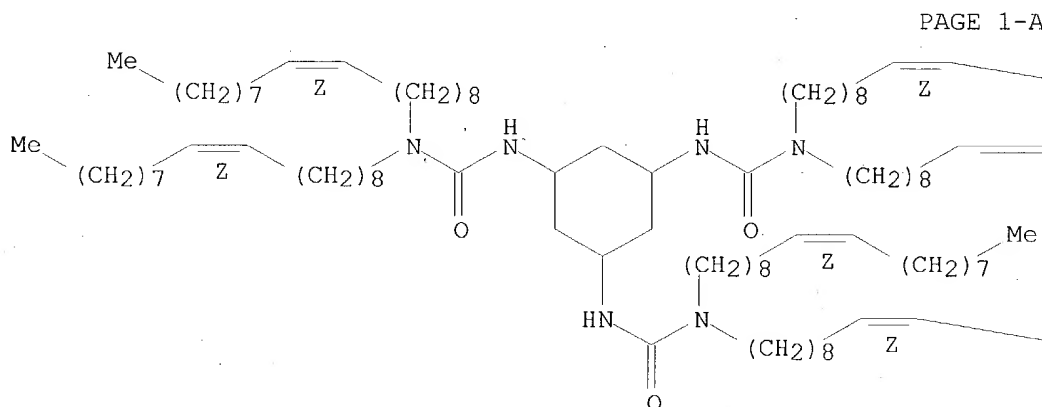
CN Urea, N,N',N'''-1,3,5-cyclohexanetriyltris[N',N'-di-9-octadecenyl-,
(all-Z)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

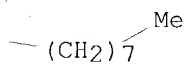
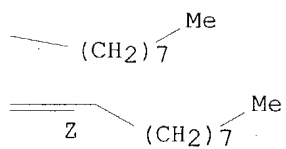
MF C117 H222 N6 O3

LC STN Files: CA, CAPLUS, USPATFULL

Double bond geometry as shown.



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1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 82:5571